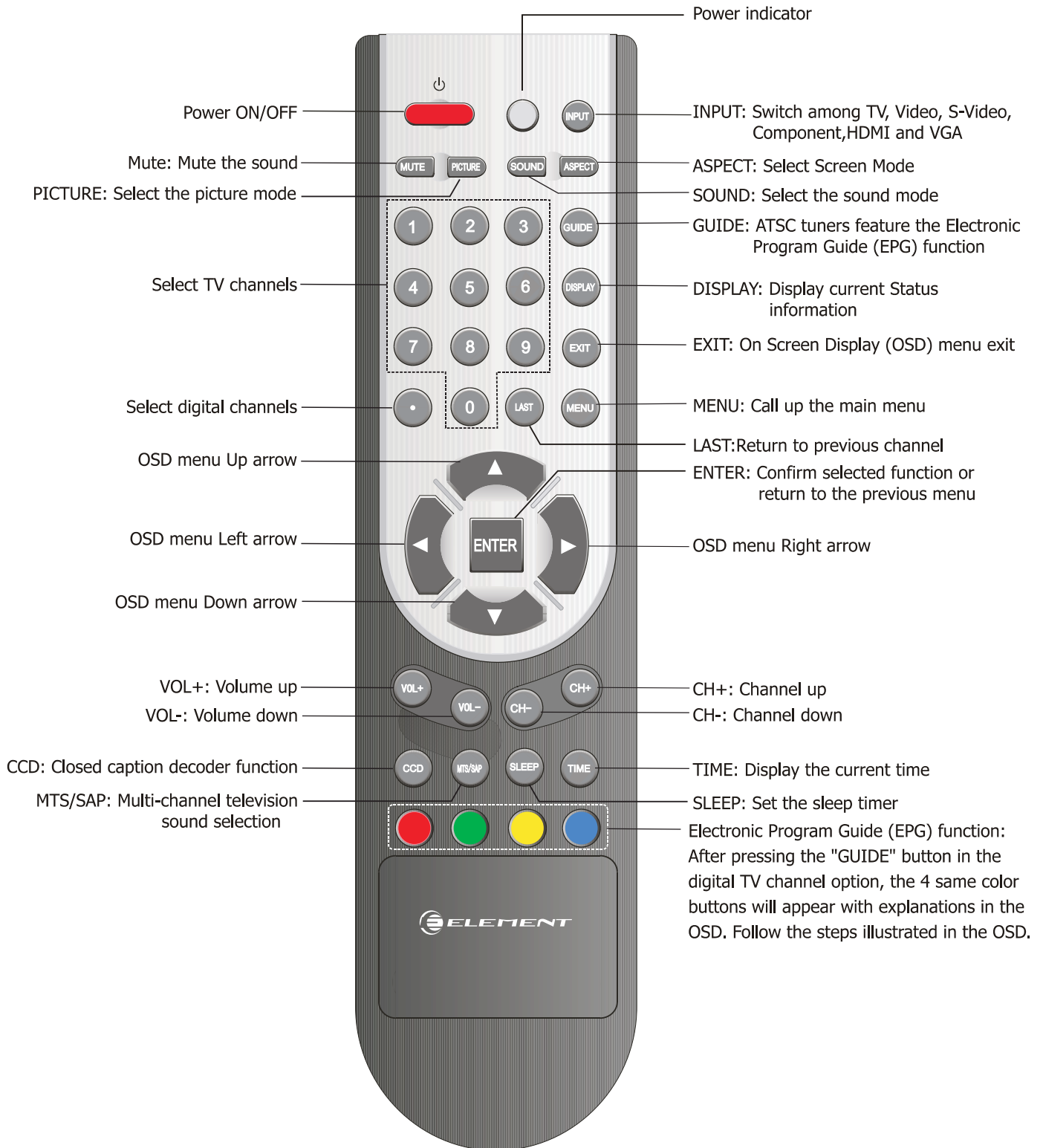


Using the remote control

Learning about the remote control



Understanding the TV features

- **Multimedia** - All in one TV receiver, Video Monitor and PC display.
- **Wider viewing angle for 16:9 and 4:3 display screens** - over a 160 degree viewing angle and a 16:9 ergonomic display panel.
- **Digital display device** - Irrespective of magnetic or geomagnetic effects, this device accurately reproduces images without any distortion or blur.
- **Closed caption decoder** - You may view specially labeled (cc) TV programs, movies, news, prerecorded tapes, etc. with either a dialogue caption or text display added to the program.
- **V-chip** - Enables parents to prevent their children from watching inappropriate programs on TV.
- **ATSC/NTSC**
- **Sleep timer**
- **Multi-language OSD**

Basic operation

Menu operation

Power ON/OFF

1. Connect the TV to a power outlet. If the power indicator is red, it means that the TV is switched off. Press the Power button on the front control or on the remote control to switch on the TV. Once the Power button is switched on, the power indicator will be displayed as blue. Several seconds later, the TV picture will be displayed on the screen.
2. Press the Power button on the front control or on the remote control to turn the TV off temporarily.
3. Always remove the AC power plug from the outlet when not using this TV for a long period of time.

Signal source selection

Press the **[INPUT]** button to select TV, AV, S-Video, Component, VGA and HDMI inputs. There are two ways to select the source: One is to press the **[INPUT]** button continuously, while the other is to use the **[ARROW]** and **[ENTER]** buttons to confirm the source.

Select channels

Please use **[CH+ / CH-]** button on the remote panel to select channels. **[CH+]** indicates channel number up; **[CH-]** indicates channel number down. Press **[CH▲ / Ch▼]** button on the side panel of the TV to select the channels. If you want to choose any of the skipped channels, press the number directly.

Use **[Mute]** button

Press the **[Mute]** button to mute the sound. Press the **[Mute]** button again to resume the sound.

Select picture modes

Press the **[PICTURE]** button to select the picture mode from four options: Standard, Movie, User and Vivid. You can adjust the picture mode based upon your personal preference.

Select sound modes

Press the **[SOUND]** button to select sound modes from Standard, Speech, User, and Music.

Select **ASPECT** modes

Press the **[ASPECT]** button to select the aspect ratio between picture width and picture height (High Definition 16:9 pictures will be displayed in original format 16:9, named Wide). The options for SD (Standard Definition 4:3) are Normal, Wide, Zoom and Cinema.

Basic operation

- 1** Normal
The original 4:3 aspect ratio (1.33:1 signal) is preserved, so black bars are added to the left and right of the image. Standard TV broadcasts are displayed with a 4:3 aspect ratio.



- 2** Wide
When watching a standard broadcast or full-frame movie in this mode, the display image is stretched proportionately to fill the TV screen. When watching a widescreen (1.78:1 signal) program or movie, the display image fills the TV screen.



- 3** Zoom
Stretches the 4:3 aspect ratio image vertically and horizontally to fill the screen at 1:1.78 aspect ratio.



- 4** Cinema
Stretches the 4:3 aspect ratio image vertically and horizontally to fill the screen at 1:2.35 aspect ratio.



Basic operation

Use [GUIDE] button

Press the [GUIDE] button to display features of the ATSC program and the EPG function.

Use [DISPLAY] button

Press the [DISPLAY] button to view current source information.

Use [EXIT] button

Press the [EXIT] button to exit the OSD menu.

Select channels by numbers

To select a channel: Press the channel number you would like to go to. For example, to select channel number 120, press buttons 1, 2 and 0, respectively.

Use [MENU] button

Press the [MENU] button to display the TV OSD menu.

Use [LAST] button

Press the [LAST] button to return to the previous channel.

Use [ENTER] button

Press the [ENTER] button to select a particular item.

Adjust volume

Press [VOL+ /VOL-] button to adjust the volume.

Use [CCD] button

Press the [CCD] button to change the CCD mode. Using this button will set the Closed Caption mode when viewing a DTV or TV channel.

Note: To set the default Closed Caption setting for all channels see Section 3.3.6, Closed Caption for DTV. For DTV the options are CC1, CC2, CC3, CC4, Service1 or Service2. For TV and AV, the options are On or Off. Additionally, this button stops the CD, DVD or VCR when the component is activated with the remote control.

Use [MTS/SAP] button

Press the [MTS/SAP] button to change the sound mode (Mono, Stereo, SAP). This button will select the MTS options of Stereo, SAP, or Mono in TV mode, alternate audio channels, and when available, in DTV mode.

Use [SLEEP] button

Press the [SLEEP] button repeatedly to set the sleep time, which can be set to: 5 Mins, 10 Mins, 15 Mins, 30 Mins, 45 Mins, 60 Mins, 90 Mins, 120 Mins, 180 Mins, 240 Mins, and Off.

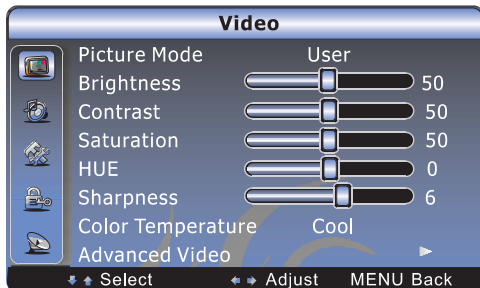
Use [TIME] button

Press the [TIME] button to obtain the current time.

Basic operation

Video mode adjustment

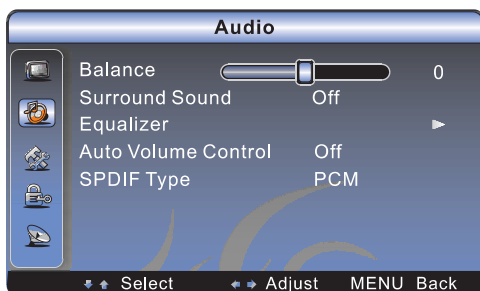
1. Press **MENU** to open the OSD option
2. Press **▲** or **▼** to highlight Video, then press **▶** to enter the Video menu.



3. Press **▲** or **▼** to highlight an option, then press **◀** or **▶** to adjust the option. You can adjust:
 - **Picture Mode** - Adjusts the Picture Mode. You can select Standard, Movie, User, or Vivid.
 - **Brightness** - You can increase or decrease the brightness of the picture. Increasing the brightness can add more light to dark areas of the picture, while decreasing the brightness can add more darkness to light areas of the picture.
 - **Contrast** - You can increase or decrease the contrast of the picture. Increase the contrast to adjust the white areas of the picture or decrease the contrast to adjust the black areas of the picture.
 - **Saturation** - Adjusts the intensity of the colors.
 - **HUE** - Adjusts the overall color of the picture.
 - **Sharpness** - You can increase the sharpness level for clearer images or decrease the sharpness level for smoother images.
 - **Color temperature** - Changes the color temperature. You can select the color temperature from three options: Cool, Standard or Warm.
 - **Advanced Video** - Accesses advanced video settings such as DNR, Black Level, Extender, White Peak Limiter and Flesh Tone.

Audio mode adjustment

1. Press **MENU** to open the OSD option
2. Press **▲** or **▼** to highlight **Audio**, then press **▶** to enter the **Audio** menu.



3. Press **▲** or **▼** to highlight an option, then press **◀** or **▶** to adjust the option. You can adjust:

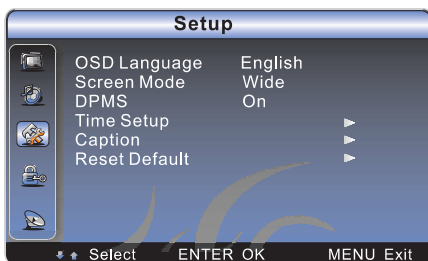
Basic operation

- **Balance** - Adjusts the volume of the left and right speakers.
- **Equalizer**-You can select the frequency you want to adjust and change its value.
- **Surround Sound**-Turns the surround sound effect on or off.
- **Auto Volume Control** - Turns automatic volume control on or off. The option keeps the audio in a preset range to eliminate large spikes in volume.
- **SPDIF Type**-Selects the SPDIF type. You can select PCM, Dolby Digital, or Off.

Note: Via SPDIF Type, you can choose the optical digital audio out type. If Audio Volume Control is On, that means audio out control is activated.

Setup

1. Press **MENU** to open the OSD option
2. Press **▲** or **▼** to highlight **Setup**, then press **▶** to enter the **Setup** menu.



3. Press **▲** or **▼** to highlight an option, then press **◀** or **▶** to adjust the option. You can adjust:
 - **OSD Language** - Use the right or left arrow button to choose the OSD Language among English, Spanish and French.
 - **Screen Mode** - Use the arrow button to choose the aspect ratio between picture width and picture height (High Definition 16:9 pictures will be displayed in original format 16:9, named Wide). The options for SD (Standard Definition 4:3) are Normal, Wide, Zoom and Cinema.
 - **DPMS** - This is a good function for a computer monitor. When DPMS is on, the computer will control the screen on or off. For example, if the computer is in sleep mode, the screen will be switched off. If the computer is activated, the screen also is activated.
 - **Time Setup** - You can set up the exact time by yourself. You can also set up Sleeper Time and Auto Sleep Time.

Caption: There are three items in it - Analog Closed Caption, Digital Closed Caption and Digital Caption Style.

Analog Closed Caption: CC1, CC2, CC3, CC4, TEXT1, TEXT2, TEXT3, TEXT4.

Digital Closed Caption: Service1, Service2, Service3, Service4, Service5, Service6.

Digital Caption Style: There are two Caption Styles. One is the automatic function set as the broadcaster, while the other is the custom style where you can adjust the font size, color, opacity, background color etc., accordingly.

- **Reset Default** - Every TV has its original setting before leaving the factory. So this function helps you restore these settings.